

00T-69805

TOP SECRET**PRIORITY**

1 MAR 70 22- 211

TOP SECRET 012206Z MAY 70 CITE [] 8444
PRIORITY []

25X1

25X1

25X1

SUBJ: FORMAT CALIBRATION

1. [] HAS COMPLETED FORMAT CALIBRATIONS OF THE 11 FRAMES OF MATERIAL FROM CAMERA B, MODEL D. SEVERAL ITEMS OF MUTUAL INTEREST WERE DISCOVERED DURING THIS CALIBRATION.

25X1

2. THE LAST SCAN ANGLE DISTANCE (FROM 115 DEGREES TO 120 DEGREES OF SCAN) WAS APPROXIMATELY 500 MICRONS SHORTER THAN ALL THE OTHER SCANS. THIS IS 43 SECONDS OF ARC. (SPECS ARE 20 SECONDS).

3. THE FILM SPEED WAS A CONSTANT (WITHIN 1/10 OF 1 PERCENT) THROUGHOUT EACH FRAME EXCEPT FOR AN AREA NEAR THE CENTER OF SCAN. AT THIS POINT THERE WAS A SLOWDOWN OF 1.3 PERCENT FROM THE AVERAGE FILM SPEED. THIS SLOWDOWN SPANNED AN AREA OF ABOUT 8 INCHES AND THE FILM RETURNED TO NOMINAL SPEED.

4. THE SLIT (OR LIGHT PIPES) WAS MISALIGNED WITH THE DIRECTION OF FILM TRAVEL BY 10.2 MINUTES. THIS APPEARS TO BE

PAGE 2 [] 8444 TOP SECRET
WITHIN SPEC'S SO MAY NOT REQUIRE ANY ACTION.

5. THE START OF OPERATION MARKS WERE NOT POSITIONED IN THEIR PROPER PLACE ON THE FILM AND ONE SET OF START OF FRAME MARKS WERE ALSO NOT POSITIONED PROPERLY. THIS PROBLEM IMPACTS ALL AUTOMATIC EQUIPMENT BEING DEVELOPED FOR EXPLOITATION AND TITLING AND SHOULD BE CORRECTED IN THE FLIGHT CONFIGURATIONS, IF POSSIBLE.

6. DETAILS OF THESE PROBLEMS CAN BE OBTAINED FROM []

TOP SECRET

| DISTRIBUTION | | |
|--------------|--------------|------|
| CY | OFFICE | PI |
| 1 | FILE | 25X1 |
| 2 | CABLE SEC. | |
| | FRAB/RD | |
| | SECUR. | |
| 3 | TSSG/RSB/RED | |
| 4 | TSSG/RSB/RED | |
| | TSSG/RSB/RED | |
| | RED | |
| | FEPRO | 25X1 |
| | AID | 25X1 |
| | IBC | |
| | LEG/OD | |
| | SCIEN | |
| | WEST | |
| | EAST | |
| | WAS | |
| | LEG/PHD | |
| | IAS | |
| | DIA-XX4 | |
| | SPAD | |
| | DIA-AP | |
| | | 25X1 |
| | CMX | |

--END OF MESSAGE--

GROUP-1

ADVANCE CY
SANITIZED
WITH []

25X1